

## MORASH, MELANIE

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**From:** MORASH, MELANIE  
**Sent:** Monday, May 18, 2015 10:54 AM  
**To:** Calhoun, Michael; Shaffer, Caleb  
**Cc:** Ledbetter, Ray; Hadlock, Holly; Heather O'Cleirigh ([Heather.OCleirigh@amd.com](mailto:Heather.OCleirigh@amd.com)); [pbennett@haleyaldrich.com](mailto:pbennett@haleyaldrich.com)  
**Subject:** AMD 901/902 - EPA Comments - Combined 2014 Annual Groundwater Monitoring Report and Annual ISB Program Report

Good morning, Mike,

Thank you for submitting this report. We appreciate your team's continuing efforts on this important project.

Here are some comments. A response within 45 days would be appreciated.

- The Report provides separate Figures 3, 4, and 5 respectively to estimate elevation contours for Zone A, Zone B1, and Zone B2; however an interpretation of groundwater flow direction(s) are absent from each Figure. This information should be included in future submittals, including the next quarterly report.
- The Quarterly ISB Progress Report dated October 30 2014 notes Haley & Aldrich would assess and provide in the future deliverable (Combined 2014 Report) whether long lasting amendments such as emulsified oils could facilitate the cleanup duration and provide an expedited transition to MNA. However, it appears that this assessment was not included in the Report. Such as assessment should be conducted and included in the next quarterly submittal.

Regards,

Melanie Morash

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**From:** Calhoun, Michael [<mailto:MCalhoun@haleyaldrich.com>]  
**Sent:** Friday, January 30, 2015 10:43 AM  
**To:** MORASH, MELANIE  
**Cc:** Brett Stringer ([brett.stringer@amd.com](mailto:brett.stringer@amd.com)); [Heather.OCleirigh@amd.com](mailto:Heather.OCleirigh@amd.com); Bennett, Peter

**Subject:** Combined 2014 Annual Groundwater Monitoring Report and Annual ISB Program Report, Former 901/902 Thompson Place

Hi Melanie,

Please find attached the Combined 2014 Annual Groundwater Monitoring Report and Annual In Situ Bioremediation Report for the former AMD 901/902 Thompson Place site in Sunnyvale, California. The report documents the results of annual groundwater monitoring conducted in October 2014, and summarizes the operation and performance monitoring of the ISB system. Two hardcopies of the report will follow by mail.

Please feel free to contact me if you have any questions, or require additional information.

Thanks,  
Mike

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